



Keystone Dam Safety Modification Tulsa District

U.S. ARMY CORPS OF ENGINEERS

BUILDING STRONG®

FACT SHEET as of February 25, 2026

AUTHORIZATION: Flood Control Act of May 17, 1950

TYPE OF PROJECT: Dam Safety

PROJECT PHASE: PED (Plans, Engineering, and Design)



BACKGROUND:

Keystone Dam, located 15 miles west of Tulsa, is a high-hazard potential dam classified as Dam Safety Action Class (DSAC) 2 – "High Urgency." A potential failure poses a catastrophic life-safety risk to the downstream communities of Sand Springs and Tulsa, which includes thousands of residents and over \$2 billion in assets. Multiple Issue Evaluation Studies (IES) and a Dam Safety Modification Study (DSMS) have been completed. These studies confirmed several critical potential failure modes, including embankment overtopping, scouring along the abutments, and catastrophic failure of the stilling basin. A recommended plan to address these risks was approved by the Dam Safety Oversight Group (DSOG) in November 2023. The plan consists of a dam raise, stilling basin modification, a filter berm, and anchoring the training wall.

STATUS: The project is in the PED phase. The team is working to advance the project to the 30% design milestone.

ISSUES: The project requires prioritization to provide the resources needed to accelerate the design, get the project back on track, and move forward with mitigating the significant risk to public safety.

FINANCIAL SUMMARY (\$):

AMOUNT

| | |
|----------------------------|-----------------|
| Updated Total Project Cost | \$1,201,098,000 |
| Funds Received | \$17,780,000 |
| Balance to Complete | \$1,183,318,000 |

SCHEDULE: Currently not benchmarked
CW999 35% Design Completion Milestone 03/2028
CW999 65% Design Completion Milestone 07/2029
CW999 95% Design Completion Milestone 09/2030
CW330 100% Design Final Plans & Specifications 12/2030

COMPLETION: Anticipated in FY40.

For more information regarding the Keystone Dam Safety Modification, contact Dwayne Mayberry, Project Manager at (918) 721-7955 or Dwayne.A.Mayberry@usace.army.mil.